

ARTH
12/07/01

CURRICULUM VITAE

BIOGRAPHICAL

NAME: Susan M. Manzi, M.D., MPH

BIRTH DATE: _____

HOME ADDRESS: _____

BIRTH PLACE: _____

HOME PHONE: _____

CITIZENSHIP: _____

BUSINESS: S722 Biomedical Science Tower
3500 Terrace Street
Pittsburgh, PA 15261

E-MAIL ADDRESS: _____

BUSINESS PHONE: _____

BUSINESS FAX: _____

EDUCATION AND TRAINING

Undergraduate

1977 - 1981

University of Notre Dame
Notre Dame, Indiana

BS (Biology)

Graduate

1981 - 1985

University of Pittsburgh
Pittsburgh, PA 15261

MD (Medicine)

1990 - 1992

University of Pittsburgh _____ MPH
Graduate School of Public Health

Postgraduate Training

06/1985 - 01/1988	Duke University Medical Center Durham, North Carolina Internship and Residency	Internal Medicine
01/1988 - 06/1988	Duke University Medical Center Durham, North Carolina	Rheumatology Fellowship Barton F. Haynes
07/1988 - 06/1991	University of Pittsburgh Pittsburgh, PA	Rheumatology Fellowship Thomas A. Medsger, Jr. Rheumatology Fellowship

APPOINTMENTS AND POSITIONS

Academic

9/1987 - 12/1987	Duke University Medical Center Durham, North Carolina	Assistant Chief Resident Internal Medicine
7/1991-6/1992	Department of Medicine University of Pittsburgh Pittsburgh, PA	Instructor in Medicine
7/1992-9/2000	University of Pittsburgh Pittsburgh, PA	Assistant Professor of Medicine
1997-9/2000	Graduate School of Public Health, University of Pittsburgh Pittsburgh, PA	Assistant Professor of Epidemiology
1999-2000	Arthritis Institute University of Pittsburgh Pittsburgh, PA	Acting Clinical Research Director
9/2000-	Department of Medicine University of Pittsburgh	Associate Professor of Medicine

Pittsburgh, PA

9/2000-

Graduate School of Public
Health, University of Pittsburgh
Pittsburgh, PA

Associate Professor of
Epidemiology

CERTIFICATION AND LICENSURE

Speciality Certification

1988	American Board of Internal Medicine, NBME	—
1990	American Board of Rheumatology	
2000	American Board of Internal Medicine Recertification	

Medical Licensure

1988	North Carolina, —	(inactive)
1988	Pennsylvania, #MD- —	

PROFESSIONAL SOCIETIES

American Medical Association
American College of Physicians
American College of Rheumatology
American Medical Women's Association

HONORS, AWARDS AND FELLOWSHIPS

1981	Phi Beta Kappa, (University of Notre Dame)
1985	Medical Alumni Association Recognition award for excellence in exemplifying medical ideals (University of Pittsburgh)
1993	Individual Post-Doctoral Fellowship, NIAMS, National Institutes of Health
1998-1999	Named to Best Doctors in America
2000	Spokesperson for Research Advocacy, National Arthritis Foundation
2001	Midcareer Patient-Oriented Research Award, NIAMS, National Institutes of Health

EDITORIAL BOARDS

1999- Member. Mayo Clinic Proceedings.
 2001- Member. Arthritis and Rheumatism

PATENTS:

U.S. Patent No. 6,203,980; Issued March 20, 2001
 M. Ilyas Kamboh, Dharambir K. Sanghera, and Susan Manzi
 "Identification of Apolipoprotein H Mutations and Their Diagnostic Uses"

Provisional Patent Application:

Title: Diagnosis and Monitoring of Systemic Lupus Erythematosus and of Scleroderma
 Atty. Docket No. 021182-000100US
 Filed: June 2001
 Inventors: Joseph A. Ahearn, M.D. and Susan Manzi, M.D., MPH
 Assignees: University of Pittsburgh School of Medicine

STUDY SECTIONS

1997 Grant Review Committee. Canadian National Arthritis Society
 1999- Member. Clinical/Therapeutic/Outcomes Grant Study Section. Arthritis Foundation
 2000-2001 Co-Chairman. Clinical/Therapeutic/Outcomes Grant Study Section. Arthritis Foundation, National Office
 2000- Member. Special Emphasis Panel, National Institutes of Health (NIH) Grant
 2001 Member, NIH/NIAMS Special Emphasis Panel Study Section (for R13 app
 2001 Member, NIH/NIAMS Special Emphasis Panel. Review of Multidisciplinary Clinical R
 2001-2002 Chairperson. Clinical/Therapeutic/Outcomes Grant Study Section. Arthritis Foundation, National Office

NATIONAL/INTERNATIONAL COMMITTEES

1993 Abstract Review Committee. American College of Rheumatology
 1997 **Chairperson.** Clinical Lupus Abstract Session. American College of Rh
 1997 **Member,** Drug Safety and Monitoring Committee for the Study of Methotrexate
 in Lupus Erythematosus (S.M.I.L.E.).
 1997-1998 **Member.** Lupus Study Group. American College of Rheumatology
 1998 Abstract Review Committee. American College of Rheumatology
 1999-2002 Professional Meeting Committee. American College of Rheumatology
 1999- **Member.** Systemic Lupus International Cooperating Clinic (SLICC) Group
 1999-2001 **Member.** Educational Products Committee. American College of Rheumatology
 1999-2001 **Chairperson.** Lupus Study Group. American College of Rheumatology
 2000- **Member.** Advisory Committee. Canadian Network for Improved Outcomes in

- 2001 **Co-Chairman.** American College of Rheumatology June 2001 Meeting, Santa
- 2000 Abstract Review Committee. American College of Rheumatology
- 2001 **Member,** ASLERA Advisory Committee
- 2001- **Member,** Data Safety and Monitoring Board for JDMS Project (Juvenile
Dermatomyositis Study), Pediatric Rheumatology, Cincinnati, Ohio
- 2001- **Member,** Data Safety and Monitoring Board for Stem Cell Transplantation in
SLE Study. Fred Hutchinson Cancer Research Center, Seattle, Washington
- 2001- **Member.** Public Policy and Advocacy Committee, National Arthritis Foundation
- 2001- **Chairperson.** American College of Rheumatology June 2002 Meeting, Santa
Barbara, California
- 2001- **Member.** External Advisory Board for NIAMS Clinical Trial "Prevention of
Cardiovascular Complications in Pediatric SLE; Atherosclerosis Prevention in
Pediatric Lupus Erythematosus (APPLE)", Duke University Medical Center,
Durham, NC

PUBLICATIONS

* indicates that first author was a trainee under Dr. Manzi

Referreed

1. **Manzi S, Kraus VB, St. Clair EW:** Quinidine induced livedo reticularis. Arch Dermatol 126:417-422, 1989
2. Sane A, **Manzi S**, Perfect J, Herzberg AJ, Moore JO: Zygomycete infection: deferoxamine treatment as a risk factor. J Infec Dis 159:151-152, 1989
3. **Manzi S**, Urbach AH, McCune AB, Altman HB, Medsger TA, Ramsey-Goldman R: Systemic lupus erythematosus in a boy with chronic granulomatous disease: case report and review of the literature. Arthritis Rheum 34: 101-105, 1991
4. Kelly RH, Carpenter AB, Sudol KS, Jagarlapudi SP, **Manzi S**: Complement C3 fragments in urine: detection in systemic lupus erythematosus patients by Western blotting. Appl Theor Electrophoresis 3: 265-269, 1993
- 5*. Sweeney DM, **Manzi S**, Janosky J, Selvaggi KJ, Ferri W, Medsger TA Jr, Ramsey-Goldman R: Increased risk of malignancy in female patients with systemic lupus erythematosus (SLE). J Rheumatol 22:1478-1482, 1995
6. **Manzi S**, Kuller LH, Kutzer J, Pazin G, Medsger TA, Jr, Ramsey-Goldman R: The epidemiology of herpes zoster in systemic lupus erythematosus. J Rheumatol 22:1254-1258, 1995
- 7*. Seaman DE, Londino AV Jr, Kwok CK, Medsger TA Jr, **Manzi S**: Antiphospholipid anti
- 8*. McCarty DJ, **Manzi S**, Medsger TA Jr, Ramsey-Goldman R, Laporte RE, Kwok CK: Inc

9. **Manzi S, Rairie JE, Carpenter AB, Kelly RH, Jagarlapudi SP, Sereika SM, Medsger TA Jr,**
10. **Manzi S, Meilahn EN, Rairie JE, Conte CG, Medsger TA Jr, Jansen-McWilliams L, D'**
145: 408-415, 1997
11. **McAllister DL, Kaplan BJ, Edworthy SM, Martin L, Crawford SG, Ramsey-Goldman R, Ma**
1997
12. **Ramsey-Goldman R, Mattai SA, Schilling E, Chiu Y-L, Alo CJ, Howe HL, Manzi S:** Increased r
13. **Manzi S, Selzer F, Sutton-Tyrrell K, Fitzgerald SG, Rairie JE, Tracey RP, Kuller LH:** Prevalence
14. **McCarty DJ, Kwoh CK, Ramsey-Goldman R, Manzi S, Medsger TA Jr: We need** simple
15. **Davis JC, Manzi S, Yarboro C, Rairie J, McIness I, Verthelyi D, Sinicropi D, Hale VG, Balow J, A**
16. **Clarke AE, Petri MA, Manzi S, Isenberg DA, Gordon C, Senecal J-L, Goulet JR,**
Choquette D, Sutcliffe N, Grodzicky T, Fortin PR, Joseph L, Danoff DS, Ho V, Esdaile JM
1999
17. **Ramsey-Goldman R, Dunn JE, Huang C-F, Dunlop D, Rairie J, Fitzgerald S, Manzi S:** Frequency
18. **Kamboh MI, Manzi S, Fitzgerald S, Mehdi H, Sanghera DK: Genetic variation in** apolipopro
19. **Moore AD, Petri MA, Manzi S, et al: The use of alternative medical therapies in patients** wit
20. **Manzi S: Systemic Lupus Erythematosus: A Model for Atherogenesis? Rheumatology** 39(4):353-
21. **Manzi S, Wasko MC: Inflammation-mediated rheumatic diseases and atherosclerosis.** An
22. **Manzi S, Kuller LH, Edmundowicz D, Sutton-Tyrrell K: Vascular Imaging: Changing**
the face of cardiovascular research. *Lupus* 9:176-182, 2000
- 23*. **Fitzgerald SG, Kwoh CK, McCarty DJ, Ramsey-Goldman R, Medsger, TA Jr, Manzi S:** Th
24. **Devins GM, Edworthy SM, the ARAMIS Lupus State Models Research Group: Illness** intrusivene
25. **Clarke EA, Penrod J, St. Pierre Y, Petri MA, Manzi S, Isenberg DA, Gordon C, Senecal J-**
- 26*. **Selzer F, Sutton-Tyrrell K, Kuller LH, Manzi S: Vascular stiffness in women with** sys

27. Maddison P, Farewell V, Isenberg D, Aranow C, Bae S-C, Barr S, Buyon J, Fortin P, Ginzler E, Gladman D, Hanly J, **Manzi S**, et al: The rate and pattern of organ damage in late onset systemic lupus erythematosus. J Rheum, in press.
28. Ramsey-Goldman R, **Manzi S**: Association of osteoporosis and cardiovascular disease in women with systemic lupus erythematosus. Arthritis and Rheum 44:2338-2341, 2001.
29. **Manzi S**: Epidemiology of Systemic Lupus Erythematosus. American J. Managed Care, in press.
30. Greco CM, Rudy TE, **Manzi S**: Psychosocial adaptation to chronic pain in systemic lupus erythematosus: Applicability of the multidimensional pain inventory. Arthritis Care and Research, submitted September, 2001.

Invited

*indicates a trainee under Dr. Manzi

1. **Manzi S**. Rheumatology MKSAP, second edition. Medical Knowledge Self-Assessment Program in Rheumatology developed by American College of Rheumatology and American College of Physician. American College of Physicians, Philadelphia, 1997.
2. **Manzi S**, Ramsey-Goldman R. Autoimmune Diseases, Chapter 15. In: Health and Disease Among Women. Biological and Environmental Influences, Ness RB, Kuller LH (eds), Oxford University Press, New York, 1998, pg. 342-372.
3. Ramsey-Goldman R, **Manzi S**. Autoimmune Disorders: Systemic Lupus Erythematosus, Chapter 55, In Women and Health, Goldman MB, Hatch MC (eds.), Academic Press, 1999, pg. 704-723.
4. **Manzi S**. Treatment of Systemic Lupus Erythematosus. Primer on the Rheumatic Diseases, Lippincott Williams and Wilkins, Baltimore, Maryland, in press.
5. **Manzi S**, Wasko, MC: Getting to the Heart of the Matter in Systemic Lupus and Rheumatoid Arthritis. In: Systemic Lupus Erythematosus, Wasko MC, Manzi S (eds.), Academic Press, 1999, pg. 101-110.
6. **Manzi S**. Sex Hormones and Lupus. In Lupus News, Vol 21 (2); 19, 2001.
7. **Manzi S**, *Kao A, Wasko MC: The Cardiovascular System. In Oxford Textbook of Rheumatology, 3rd Edition, in preparation.
8. **Manzi S**. Cardiovascular Disease - Mortality of Rheumatologic Disorders. In Current Medical Literature - Rheumatology, in preparation.
9. **Manzi S**, *Kao A. How to Manage Patients with Cardio-pulmonary Disease. In Clinical Rheumatology: Management of SLE, in press.

10. **Manzi S.** Research: The Rhythms that Bind Women. *The Scientist* Vol 15, Number 15, 19-20, 2001.
11. **Manzi S, Ramsey-Goldman R.** Epidemiology and Classification of SLE. In *Rheumatology*, 3rd Edition, in preparation.

Abstracts and Presentations

* indicates that first author was a trainee under Dr. Manzi

1. **Manzi S, Ramsey-Goldman R, Kutzer J, Carpenter AB, Kelly RH, Medsger TA Jr:** Complement split products (CSP) in assessing lupus disease activity. *Arthritis Rheum* 34: S96, 1991
2. **Manzi S, Kelly RH, Carpenter AB, Jagarlapudi SP, Ramsey-Goldman R, Medsger TA Jr:** Urine complement split product (C3d) in lupus renal disease. *Arthritis Rheum* 34:S96, 1991
3. **Jacob T, Morrell M, Manzi S, Verdile V, Simmons RL, Peitzman A:** Elevated nitrates in inflammatory joint disease: nitric oxide in the arthritides. *Arthritis Rheum* 35: R9, 1992
4. **Ramsey-Goldman R, Manzi S, Carpenter AB, Kutzer J, Medsger TA Jr:** Serial anti-cardiolipin antibody (anti-CL) levels and disease activity in SLE. Presented at the Third International Conference on Systemic Lupus Erythematosus, London, UK, April, 1992
5. **Ramsey-Goldman R, Kutzer J, Manzi S, Medsger TA Jr:** Measurement of maternal lupus and pregnancy outcome using the systemic lupus activity measure (abstract). *Arthritis Rheum* 35: S210, 1992
6. **Manzi S, Kutzer J, Ramsey-Goldman R, Kuller L, Medsger TA Jr:** The epidemiology of herpes zoster in systemic lupus erythematosus (abstract). *Arthritis Rheum* 35: S240, 1992
- 7*. **Sweeney DM, Manzi S, Janosky J, Selvaggi KJ, Ferri W, Medsger TA Jr:** Increased risk of malignancy in female patients with lupus erythematosus (SLE). *Arthritis Rheum* 35: S60, 1992
8. **Ramsey-Goldman R, Manzi S, Carpenter AB, Kutzer J, Medsger TA Jr:** Serial anti-cardiolipin antibody (anti-CL) levels and disease activity in SLE. *Arthritis Rheum* 35: S357, 1992
- 9*. **Seaman DE, Londino AV Jr, Manzi S, Medsger TA Jr:** Antiphospholipid antibodies in pediatric systemic lupus erythematosus. *Arthritis Rheum* 36: R15, 1993

10. **Manzi S, Kutzer J, Ramsey-Goldman R, McCarty D, Kwoh K, Medsger TA:** Comparison of university and community-based SLE cohorts. *Arthritis Rheum* 36: S274, 1993
- 11*. **McCarty DJ, Kwoh CK, Manzi S, LaPorte RE, Medsger TA Jr, Ramsey-Goldman R:** Incidence of SLE: race and gender differences. *Arthritis Rheum* 36: S145, 1993
12. **Ramsey-Goldman R, Kutzer J, Manzi S, Peter JB, Medsger TA Jr:** Preliminary results: maternal SLE and pregnancy outcome. *Arthritis Rheum* 36: S185, 1993
13. **Londino AV Jr, Kwoh CK, Seaman DE, Manzi S, Medsger TA Jr:** Antiphospholipid antibodies in pediatric systemic lupus erythematosus. *Arthritis Rheum* 36: S258, 1993
- 14*. **Santora D, Morgan MC, Manzi S, Cauley J:** Exogenous estrogen exposure: A risk factor for SLE. *Arthritis Rheum* 37: R23, 1994
15. **Manzi S, Kutzer J, Meilahn E, Kuller L, Medsger TA Jr:** Cardiovascular disease in women with lupus. *Arthritis Rheum* 37:S319, 1994
16. **Ramsey-Goldman R, Manzi S, Kutzer J, Luu A, Medsger TA Jr, Pittsburgh Lupus** Database P
- 17*. **Snow DH, Conte C, Fertig N, Medsger TA Jr, Manzi S:** Autoantibodies at lupus diagnosis: demographic and clinical associations. *Arthritis Rheum* 38:R23, 1995
18. **Beers SR, Morrow LA, Morgan MC, Manzi S:** Cognitive function in systemic lupus erythemato
19. **Ramsey-Goldman R, Manzi S, Schilling EM, Kutzer JE, Luu AC, Medsger TA Jr, and** Chicago a
Submitted for presentation at the Fourth International Conference on Systemic Lupus Ery
20. **Manzi S, Rairie J, Conte C, Bontempo FA, Medsger TA Jr, Winkelstein A, Cortese-Hassett A:** Frequency of activated protein C resistance (APCr) in patients with SLE. *Arthritis Rheum* 38: S173, 1995
21. **Ramsey-Goldman R, Manzi S, Schilling EM, Kutzer JE, Medsger TA Jr:** Lupus activity in pregnant and non-pregnant women. *Arthritis Rheum* 38:S219, 1995
- 22*. **Zahabi F, Manzi S, Fertig N, Conte C, Medsger TA Jr:** Panniculitis in systemic lupus erythematosus: Association with anticentromere antibody. *Arthritis Rheum* 39: R18, 1996
- 23*. **Selzer F, Sutton-Tyrrell K, Conte C, Rairie J, Kuller L, Manzi S:** Ultrasound assessment of atherosclerosis in women with SLE. *Arthritis Rheum* S69, 1996

24. Ramsey-Goldman R, Mattai SA, Schilling E, Daugherty C, Rairie J, Conte C, **Manzi S**: Assessment of cancer risk in two cohorts of patients with SLE. *Arthritis Rheum* 39:S69, 1996
- 25*. Fitzgerald SG, Songer T, Kelsey S, **Manzi S**: Socioeconomic factors (SES), quality of life and systemic lupus erythematosus (SLE). *Arthritis Rheum* 39:S71, 1996
26. Ramsey-Goldman R, Schilling E, Daugherty C, Conte C, Rairie J, **Manzi S**: Fractures in patients with lupus. *Arthritis Rheum* 39:S89, 1996
27. Clarke AE, Petri M, Isenberg D, Gordon C, **Manzi S**, Senecal JL, Fortin PR, Danoff DS, Sutcliffe N, Grodricky T, Levington C, Panaritis D, Esdaile JM: An international study of health status, satisfaction and health service utilization for patients with systemic lupus erythematosus. Presented as a poster at the British Society for Rheumatology meeting, London, April 23-25, 1997
28. Clarke AE, Petri M, Isenberg D, Gordon C, **Manzi S**, Senecal JL, Fortin PR, Danoff DS, Sutcliffe N, Grodricky T, Levington C, Pararitis D, Esdaile JM: An International study of health status, satisfaction and health service utilization for patients with systemic lupus erythematosus (SLE). *Br J Rheumatol*, in press, 1997
29. **Manzi S**, Sutton-Tyrrell, Selzer F, Fitzgerald S, Kuller L: Noninvasive assessment of atherosclerotic vascular disease using duplex scanning in women with SLE. *Arthritis Rheum* 40: S303, 1997
- 30*. Fitzgerald S, **Manzi S**: Physical activity and systemic lupus erythematosus. *Arthritis Rheum* 40: S163, 1997
31. Davis JC, **Manzi S**, Yarboro C, Rairie J, Sinicropi D, Hale VG, Boumpas DT, Klippel JH: Phase II study of recombinant human DNase 1 (rhDNase) in lupus nephritis. *Arthritis Rheum* 40: S59, 1997
- 32*. Selzer F, Sutton-Tyrrell K, Fitzgerald S, Kuller L, **Manzi S**: Ultrasound assessment of atherosclerotic plaque in women with SLE. *Arthritis Rheum* 40: S303, 1997
33. Clarke AE, Petri M, Isenberg D, Gordon C, **Manzi S**, Senecal JL, Fortin PR, Danoff DS, Sutcliffe N, Grodricky T, Levington C, Pararitis D, Esdaile JM: An International study of health status, satisfaction and health service utilization for patients with systemic lupus erythematosus (SLE). *Arthritis Rheum* 40: S309, 1997
- 34*. Dinu AR, Merrill JT, Sutton-Tyrrell K, Kuller L, Romano P, Lahita RG, **Manzi SM**: Autoantibodies to apolipoprotein A1 (APOA1) in an SLE population: relationship to HDL levels and to carotid atherosclerosis by ultrasound assessment. *Arthritis Rheum* 41: S139, 1998

35. Moore A, Petri MA, **Manzi S**, Isenberg DA, Gordon C, Senecal JL, St. Pierre Y, Fortin PR, Sutcliffe N, Goulet JR, Choquette D, Grodzicky T, Esdaile JM, Clarke AE: The use of alternative medical therapies in patients with systemic lupus erythematosus (SLE). *Arthritis Rheum* 41:S133, 1998
- 36*. Selzer F, Sutton-Tyrrell K, Fitzgerald S, Kuller L, **Manzi S**: Risk factors associated with arterial wall stiffness in women with SLE. *Arthritis Rheum* 41: S139, 1998
- 37*. Fitzgerald S, **Manzi S**: Cardiovascular disease as a predictor of disability in SLE. *Arthritis Rheum* 41: S219, 1998
38. St. Pierre Y, Penrod J, Petri M, **Manzi S**, Isenberg DA, Gordon C, Senecal JL, Joseph L, Fortin PR, Sutcliffe N, Goulet JR, Choquette D, Grodzicky T, Esdaile JM, Clarke AE: Underestimating the value of rheumatic diseases: assessing the indirect costs of women with lupus (SLE). *Arthritis Rheum* 41: S221, 1998
39. Clarke AE, Petri M, **Manzi S**, Isenberg DA, Gordon C, Senecal JL, St. Pierre Y, Joseph L, Penrod J, Fortin PR, Sutcliffe N, Goulet JR, Choquette D, Grodzicky T, Esdaile JM: An international comparison of health costs and change in health status (HS) in SLE. *Arthritis Rheum* 41: S223, 1998
40. Clarke AE, Petri M, **Manzi S**, Isenberg DA, Gordon C, Senecal JL, St. Pierre Y, Joseph L, Penrod J, Fortin PR, Sutcliffe N, Goulet JR, Choquette D, Grodzicky T, Esdaile JM: Predicting health care utilization in systemic lupus erythematosus (SLE): country of care, disease damage, and health status. *Arthritis Rheum* 41: S223, 1998
- 41*. Selzer F, Sutton-Tyrrell K, Fitzgerald S, Kuller L, **Manzi S**: Ultrasound assessment of atherosclerotic plaque in women with SLE. *Arthritis Rheum* 41: S330, 1998
42. **Manzi S**, Sutton-Tyrrell K, Selzer F, Fitzgerald S, Kuller L: Noninvasive assessment of atherosclerotic vascular disease using duplex scanning in women with SLE. *Arthritis Rheum* 41: S331, 1998
43. **Manzi S**, Selzer F, Sutton-Tyrrell K, Fitzgerald S, Kuller L: Systemic lupus erythematosus is an independent risk factor for atherosclerotic plaque. *Arthritis Rheum* 42:S147, 1999
44. Selzer F, Sutton-Tyrrell K, Fitzgerald S, Kuller L, **Manzi, S**: Characteristics of aortic stiffness as measured by pulse wave velocity in women with SLE. *Arthritis Rheum* 42: S148, 1999
45. Kamboh MI, **Manzi S**, Mehdi H, Fitzgerald S, Sanghera DK, Kuller LH, Aston CE: Genetic variation in apolipoprotein H (β 2-glycoprotein I) affects the occurrence of

antiphospholipid antibodies and apolipoprotein H concentrations in systemic lupus erythematosus. Arthritis Rheum 42: S233, 1999

46. Fitzgerald S, Sutton-Tyrrell K, Kuller L, Manzi S: Followup assessment of atherosclerotic vascular disease using duplex scanning in women with SLE. Arthritis Rheum 42: S276, 1999
47. R. Ramsey-Goldman, D. Dunlop, C. Huang, E. Koch, C. McCray, S. Cunanan, S. Spies,
48. Clarke A, Petri M, Manzi S, Isenberg D, Gordon C, Senecal JL, St. Pierre Y, Penrod J. Increased health expenditure does not lead to better health outcomes in SLE. Submitted to the 6th International Lupus Conference, December 2000
49. Greco C, Rudy T, Manzi S: Predictors of physical functioning in systemic lupus erythematosus. Annals of Behavioral Medicine 23:S3:2008, 2001.

PROFESSIONAL ACTIVITIES

TEACHING

Medical School

- | | |
|-----------|--|
| 1989 | Instructor. Course on Physical Examination for 2nd year medical students.
University of Pittsburgh School of Medicine |
| 1988-1993 | Instructor. Introduction in Internal Medicine, rheumatology section.
University of Pittsburgh School of Medicine |
| 1992- | Preceptor. Outpatient Rheumatology Clinic experience for fellows, residents, |
| 1992- | Faculty Attending. Inpatient Rheumatology Consultation Service experience for |
| 1990-1992 | Division Coordinator. Introduction in Internal Medicine, rheumatology section.
University of Pittsburgh School of Medicine |
| 1992- | Lecturer. Musculoskeletal Organ Block Course for 1st year medical students.
University of Pittsburgh School of Medicine |
| 1993- | Facilitator. Musculoskeletal Organ Block Workshop and Small Group Session
for 1st year medical students.
University of Pittsburgh School of Medicine |
| 1994-1998 | Instructor. Physical Diagnosis Course
University of Pittsburgh School of Medicine |

- 1994-1995 Instructor. Musculoskeletal Clinical Skills Session.
University of Pittsburgh School of Medicine
- 1997-2000 Mentor. F.A.S.T. Advisor (approximately 5 students per year)
University of Pittsburgh School of Medicine
- 1999 Instructor. Student Teaching Attending for 3rd year medical students
University of Pittsburgh School of Medicine
- 1999-present Senior Elective Advisor. University of Pittsburgh School of Medicine

Graduate School of Public Health

- 1995-1998 Instructor. Women's Health Curriculum. Autoimmune Disease and Hormonal
- 1997-1998 Doctoral Dissertation Committee for Shirley Fitzgerald
Department of Epidemiology
Graduate School of Public Health
- 1998-1999 Doctoral Dissertation Committee for Faith Selzer
Department of Epidemiology
Graduate School of Public Health
- 2000-2001 Doctoral Dissertation Committee for Qi Chen
Department of Human Genetics
Graduate School of Public Health

Clinical Activities

Lupus Diagnostic and Treatment Center. Preceptor for fellows, residents, medical students in outpatient setting, one day per week. University of Pittsburgh Medical Center.

Rheumatology Attending Physician for Consultation Service. Responsible for all rheumatology inpatient admissions and consultations for all University of Pittsburgh Medical Center hospitals located in the city of Pittsburgh and surrounding areas. Instructs fellows, residents, medical students in this inpatient setting for approximately 1-2 months per year.

Advisees and Trainees

	<u>Project</u>	<u>Current Position</u>
David Seaman, M.D.	Antiphospholipid Antibodies in pediatric SLE	private practice, rheumatology
Elaine Greifenstein, M.D.	Antiphospholipid Antibodies in pediatric SLE	private practice, rheumatology

Dawn Santora, M.D.	Estrogen: Risk Factor for SLE	Clinical Assistant Professor of
David Snow, M.D.	Autoantibodies at Lupus Dx	private practice, rheumatology
Fehmida Zahabi, M.D. rheumatology	Panniculitis in SLE	private practice,
Dorothy Sweeney, M.D.	Malignancy and SLE	private practice, rheumatology
Shirley Fitzgerald, PhD Director of and	Quality of Life and SLE (doctoral dissertation)	Research Associate, University of Pittsburgh, Associate of Research, VA R&D Center Excellence for Wheelchairs Related Technologies
Faith Selzer	Atherosclerosis in SLE (doctoral dissertation)	doctoral candidate in epidemiology
Ann Stewart-Akers, PhD	Uterine Hormone Regulation in Women with SLE	Research instructor, Dept. of Surgery
Anca Dinu, M.D.	Antibodies to APOA1 in SLE	fellow in rheumatology, NY, NY
Dan McCarty, PhD	Incidence of SLE: Race and Gender Differences	senior research fellow, Australia
Natalya Danchenko	Epidemiology of Cardiovascular Disease in SLE	pre-doctoral candidate in epidemiology

UNIVERSITY CONTRIBUTIONS

University

1992. Diagnostic Dilemmas in Rheumatic Diseases. University of Pittsburgh School of Medicine

1993. Medical Grand Rounds. Antiphospholipid Syndrome. University of Pittsburgh School of Medicine

Research Conference. Herpes Zoster in SLE. Graduate School of Public Health, Uni

Resident Lecture Series. Classification of Arthritis. University of Pittsburgh School of

Nursing Lecture Series. Overview of SLE. School of Nursing, University of Pittsburgh

Allergy/Immunology Grand Rounds. Overview of SLE. Children's Hospital of Pitt

Update in Internal Medicine Course. The Antiphospholipid Antibody Syndrome.

1994. Primary Care Resident Lecture Series. Joint Injection/Approach to Arthritis. University of Pittsburgh School of Medicine

Resident Lecture Series. Fibromyalgia. University of Pittsburgh School of Medicine, VA Medical Center

UPMC Health Place Lecture Series. What is Lupus? University of Pittsburgh School of Medicine

Primary Care Resident Lecture Series. Joint Injections and Physical Examination. University of Pittsburgh School of Medicine

1995. Primary Care Resident Grand Rounds. Classification of Arthritis. University of Pittsburgh

Alive and Well Program. Fibromyalgia and Chronic Fatigue Syndrome. University of

Women's Health Curriculum Lecture Series. Immune-Mediated Diseases. Graduate School of Public Health, University of Pittsburgh School of Medicine

1996. Primary Care Resident Lecture Series. Joint Injections and Physical Examination. University of Pittsburgh School of Medicine

Resident Lecture Series. Polyarticular Infectious Disorders. University of Pittsburgh School of Medicine and VA Medical Center

Alive and Well Program. In Search of a Cure: Arthritis and Research. University of Pittsburgh School of Medicine

Update in Internal Medicine Lecture Series. Lupus. University of Pittsburgh School of

Epidemiologic Ultrasound Research Lab Lecture. Atherosclerosis in Women with Lupus. Graduate School of Public Health, University of Pittsburgh School of Medicine

Women's Health Curriculum Lecture Series. Immune-Mediated Diseases. Graduate School of Public Health, University of Pittsburgh School of Medicine

1997. Resident Lecture Series. Lupus. University of Pittsburgh School of Medicine and VA Medical Center

Research Conference. Atherosclerosis in SLE. Graduate School of Public Health,

University of Pittsburgh

Medical Grand Rounds. Lupus Update. University of Pittsburgh School of Medicine

University of Pittsburgh School of Medicine Primary Care Resident Lecture Series. Joint Injections and Physical Examination.

to Didactic Lecture Series. Division of Rheumatology & Clinical Immunology. Approach Polyarthritis and SLE. University of Pittsburgh School of Medicine

1998. Primary Care Resident Lecture Series. Approach to Polyarthritis. University of Pittsburgh School of Medicine and VA Medical Center

School of Medicine Renal Grand Rounds. New Therapies in Lupus Nephritis. University of Pittsburgh School of Medicine

Disease in Molecular Mechanisms of Rheumatic Diseases Conference Series. Cardiovascular Lupus Women. University of Pittsburgh School of Medicine

to Didactic Lecture Series. Division of Rheumatology & Clinical Immunology. Approach Polyarthritis and SLE. University of Pittsburgh School of Medicine

1999. Primary Care Resident Lecture Series. Techniques of Joint Injection. University of Pittsburgh School of Medicine

Resident Lecture Series. Lupus. University of Pittsburgh School of Medicine and VA Medical Center

to Didactic Lecture Series. Division of Rheumatology & Clinical Immunology. Approach Polyarthritis and SLE. University of Pittsburgh School of Medicine

2000. Medical Grand Rounds. Lupus Nephritis. University of Pittsburgh School of Medicine

Resident Lecture Series. Approach to Polyarthritis. University of Pittsburgh School of Medicine and VA Medical Center

Mini-Medical School Presentation: Arthritis and Related Disorders-Fighting Self-Sabotage. University of Pittsburgh School of Medicine.

Primary Care Resident Lecture Series. Techniques for Joint Injection. University of Pittsburgh School of Medicine.

Division of Rheumatology Didactic Lecture Series. Systemic Lupus Erythematosus. University of Pittsburgh School of Medicine.

Women's Health Track Journal Club. Antiphospholipid Antibodies and Pregnancy Outcome. University of Pittsburgh School of Medicine

Medical Grand Rounds. Skin Off Your Back: Lupus from Clinic to Bench to Bedside. University of Pittsburgh School of Medicine.

Mini-Medical School Presentation: Systemic Lupus Erythematosus - Fighting Self-Sabotage. University of Pittsburgh School of Medicine.

Lecture: Hormones and Autoimmunity. Graduate School of Public Health, University of

Seminar Series of the Center for Research on Health Care: Systemic Lupus Erythematosus and Cardiovascular Disease. University of Pittsburgh Medical Center (12/19/00)

2001 Facilitator for Immunology Course, University of Pittsburgh School of Medicine

Lecturer for Physical Diagnosis Course, University of Pittsburgh School of Medicine

Faculty Student Advisor (F.A.S.T.), University of Pittsburgh School of Medicine

of Lecturer: Design of Clinical Trials Class. Graduate School of Public Health, University of Pittsburgh

of Lecturer: Women's Health Curriculum. Graduate School of Public Health, University of Pittsburgh

Department of Medicine Clinical Research Course (Phase II-III Trials), Pittsburgh, PA

Medical Grand Rounds, Update on SLE. UPMC Shadyside Hospital, Pittsburgh, PA

Lecturer: SLE. Resident Lecture Series, Department of Medicine, University of Pittsburgh School of Medicine

Lecturer: Joint Injections. Resident Lecture Series, Department of Medicine, University of Pittsburgh School of Medicine

REGIONAL, NATIONAL AND INTERNATIONAL CONTRIBUTIONS

Regional

**APPEARS THIS WAY
ON ORIGINAL**

1990. SLE, Joint and Muscle Manifestations. Conemaugh Valley Memorial Hospital.
Johnstown, PA

Systemic Lupus Erythematosus: Overview. St. John Medical Center, Steubenville, Ohio

1992. Arthritis Foundation Western PA Chapter Lecture. Cardiovascular Disease in Women with

Arthritis Foundation Western PA Chapter Lecture. Current Treatment Methods in

Lupus Foundation of America, Western PA Chapter Lecture. Organ System Involvement
in SLE. Monroeville, PA

1993. Overview of Lupus. Butler, PA. Department of Continuing Education, University of Pittsburgh

1994. Visiting Professor Lecture Series. What is Lupus. St. Clair Hospital, Pittsburgh, PA

of Update on SLE. New Kensington, PA, Department of Continuing Education, University
Pittsburgh School of Medicine

Annual Alumni Day, Department of Obstetrics/Gynecology/Reproductive Science.

Lupus Foundation of America, Western PA Chapter. Epidemiology of SLE/Pregnancy.

Visiting Professor Lecture Series. Fibromyalgia. Green County, PA

1995. Lupus Foundation of America, Western PA Chapter. Overview of Lupus. Lupus Support

1996. Lupus Foundation of America, Western PA Chapter. Arthritis via Lupus. Our Health

Faculty Journal Club Lecture. Systemic Lupus Erythematosus. Allegheny General

Volunteer Retreat, Arthritis Foundation, Western PA Chapter. Keynote Speaker.

Blue Cross, Health Place. Coping with Arthritis.

1997. Lupus Foundation of America, Western PA Chapter. Lupus Education Series.
Hazelwood Library, Pittsburgh, PA

Medical Grand Rounds. Lupus Update. Shadyside Hospital, Pittsburgh, PA

1998. Lupus Foundation of America, Western PA Chapter. Lupus Update. WPIC Radio

Community Beat Interview. Update on Lupus. WPGR Radio, Pittsburgh, PA

VA Women's Health Inter-Institutional Journal Club. Is Fibromyalgia for Real? Aspinwall Hospital, Pittsburgh, PA

Alive and Well Symposum. Overview of SLE. Arthritis Foundation, Western PA

Lupus Education Series. Overview of SLE. Armstrong Memorial Hospital, Armstrong

1999. Living with Lupus Lecture Series. Overview of SLE Research. Sewickley Valley Ho

Update. East Arthritis Foundation, Western PA Chapter, Lupus Support Group. Lupus Treatment Liberty Presbyterian Church, Pittsburgh, PA

Erie, PA Medical Grand Rounds. Update on Lupus Research and Treatment. Hamot Medical Ctr, Erie, PA

Lupus Support Group. What's New in Lupus Research? Erie, PA

Youngstown, Lupus Support Group. Update on Lupus Research and Treatment. YWCA of Youngstown, Ohio

2000 Lupus Support Group. Update on Lupus Research and Treatment. St. Paul Baptist Church, 6701 Penn Avenue, Pittsburgh, PA

Western PA Chapter Lupus Foundation of America. Spring Educational Seminar. Pregnancy and Hormone Replacement with Lupus. Holiday Inn Parkway East, Pittsburgh, PA

"Nursing Horizons: Preserving Quality Care" Lupus Update. Sheraton Station Square, Pittsburgh, PA

Medical Grand Rounds. Lupus Update. Allegheny General Hospital, Pittsburgh, PA

DNA Sciences and DNA.com. Expert consultatnt for a chat room session on Genetics and Treatment of Lupus.

PA Medical Grand Rounds. Update on SLE. Citizen's General Hospital, New Kensington, PA

2001 Lupus Support Group. SLE and Fibromyalgia. YWCA, Youngstown, OH

Medial Grand Rounds. Update on SLE. UPMC Shadyside Hospital, Pittsburgh, PA

Arthritis Foundation, Western PA Chapter, "Living Well with Arthritis". Country Meadows Nursing Home, Bridgeville, PA

Thiel College, SLE. Greenville, PA

Arthritis Foundation: Western PA Chapter Annual Meeting. Lupus Research Program:
Past, Present, and Future, Rivers Club, Pittsburgh, PA

Community College of Allegheny County Biotechnology Associate Degree Program:
SLE and Research, Pittsburgh, PA

National

1995. Visiting Professor Lecture. Cardiovascular Disease in Women with SLE. Northwestern Uni

1997. Arthritis Foundation Grant Forum. Epidemiology of Cardiovascular Disease in Lupus Women.

1998. Visiting Professor Lecture. SLE and Atherosclerotic Vascular Disease. Brigham and Wo

Clinical Symposium. Epidemiology of Cardiovascular Disease in Women with
Rheumatic Diseases. American College of Rheumatology, National Scientific meeting, San
Diego, CA

1999. Visiting Professor Lecture. Cardiovascular Disease and Lupus. Washington, DC Rheumatism

Accelerated Atherosclerosis in SLE Workshop. Epidemiology of Cardiovascular Disease
in SLE. National Institute of Arthritis and Musculoskeletal and Skin Diseases, National
Institutes of Health, Bethesda, MD

2000 Chairperson, Lupus Study Group. American College of Rheumatology Annual Meeting,
Philadelphia, PA . Two concurrent sessions: "Organ Involvement in SLE" and "Cardiovascular
Disease and Mortality"

Visiting Professor - Dinner Seminar. Topic: Atherosclerosis-Related Issues in SLE. San
Antonio, Texas

Medical Grand Rounds. Topic: Lupus Update: Management and Treatment Issues 2000.

Lecture to Medical Residents. Lupus Update. UPMC Montefiore Hospital, University of
Pittsburgh, Pittsburgh, PA

Lecture to Medical Residents. Lupus Update. Veterans Administration Hospital,
Oakland Drive, Pittsburgh, PA

2001 Invited Medical Spokesperson, National Arthritis Foundation, Washington, DC

Advanced Guest Faculty, "Premature Atherosclerosis in SLE" Annual Seminar Series "Seminar in Rheumatology. New York University School of Medicine, New York, NY

Participant, Roundtable Discussion on New Advances in the Treatment of Systemic Lupus Erythematosus, Washington, DC

Invited Speaker. What's New in Lupus. Dinner Presentation, Rheumatology Community, Cleveland, Ohio

Visiting Professor. Lupus: A Model for Premature Atherosclerosis. Division of Rheumatology, The Cleveland Clinic, Cleveland, Ohio

Conference Co-Chair. American College of Rheumatology 1st Annual Summer Clinical Symposium, Santa Barbara, California

Visiting Professor. Systemic Lupus Erythematosus: Hormonal Influences. Medical Grand Rounds Presentation, Department of Medicine, University of Virginia, Charlottesville, VA

Chairperson, Lupus Study Group. Exploring the Influence of Gender in SLE: Ideas Beyond Hormones. American College of Rheumatology Annual Meeting, San Francisco, CA.

American College of Rheumatology Review Course. Epidemiology of ASCVD in RA and Related Disease. American College of Rheumatology Annual Meeting, San Francisco, CA

Invited Speaker. Why It Is So Important for Arthritis Research. Arthritis Foundation National Meeting, San Jose, California

2002 Invited Speaker. Organ Involvement in Rheumatic Diseases: The heart: myopathy and atherosclerotic disease. 12th Annual Cleveland Review of Rheumatic Diseases. The Cleveland Society of Rheumatology and MetroHealth Medical Center, Independence, Ohio

International

1998. Fifth International Conference on Systemic Lupus Erythematosus. Cardiovascular Disease in

2000. Visiting Professor Lecture. Prevalence and Predictors of Cardiovascular Disease in Lupus.

2001 Sixth International Lupus Conference. Cardiovascular Disease and Lupus. Barcelona, Spain.

2002 Invited Speaker. Winter Rheumatology Symposium. Kvitfjell, Norway

Invited Speaker. Rheumatology 2002 Symposium. Royal College of Physicians and Surgeons, Glasgow, Scotland

Member. Working Group of the American College of Rheumatology's Ad Hoc Committee for SLE Response Criteria. Duesseldorf, Germany

RESEARCH SUPPORT

* indicates that the PI is a trainee under Dr. Manzi

‡60% of Dr. Manzi's salary is covered by Federal Funds

Current

<i><u>Years Covered</u></i>	<i><u>Funding Source</u></i>	<i><u>PI/Co-Inv.</u></i>	<i><u>Grant Title</u></i>
1996-2001	The Arthritis Society,	Co-Inv.	Comparing Costs in USA, Canada and Québec, Canada Europe for treatment of SLE
‡1996-2001	National Institutes of Health	Co-PI	Molecular Genetics Analysis of
	Apolipoprotein	(RO1)	H in SLE
1997-2001	Genelabs Technologies, Inc.	PI	An Open-Label, Multicenter Study to Evaluate the Long-term Safety and Tolerability of GL701 in Patients with Systemic Lupus Erythematosus
‡1997-2001	Multipurpose Arthritis	PI	EEHSR Project #2: Menstrual Cycling and
	Activity in Systemic Lupus		and Musculoskeletal Disease Disease
	(SLE)		Center, National Institutes Erythematosus
			of Health
‡1998-2001	National Institute of Arthritis	PI	Pittsburgh Site: Safety of Estrogen in
	(SELENA)		and Musculoskeletal and Lupus Erythematosus
			Skin Diseases, National National Assessment
			Institutes of Health (U01)
‡1998-2001	National Institutes of Health	PI	Pittsburgh Site: Effect of Doxycycline on
1998-2001	Arthritis Foundation, National	Co-Inv.	Biofeedback and Stress Management in
			Patients with SLE
*1999-2001	Arthritis Foundation,	Co-Inv.	Women with SLE: Alterations in Steroid

Uterine Cytokines		WPA Chapter	Hormone Regulation of
			and Leukocytes
1999-2001 with SLE	The Pittsburgh Foundation Anxiety and	Co-Inv.	Reciprocal Interactions between Autoimmunity in Patients
2000-2001	LaJolla Pharmaceuticals	PI	A Randomized Double-blind, Placebo-
2001-2005	National Institutes of Health	PI (RO1)	Epidemiology of Systemic Lupus and Vascular Diseases
2001-2005 Award,K24)	National Institutes of Health	PI	Vascular Disease in SLE (Mid-Career Patient-Oriented Research
2001-2002	Lupus Foundation of America	Co-Inv	Prothombin Gene Variation and the Risk of SLE and Thrombosis

Pending

<u>Years Covered</u>	<u>Funding Source</u>	<u>PI/Co-PI</u>	<u>Grant Title</u>
2002-2006	NIH	Kamboh/Manzi (RO1)	Molecular Genetics Analysis of Apolipoprotein H in SLE
	2002-2007	NIH	Manzi/Ahearn The
	Immunopathogenesis of Cardiovascular	(P50)	Disease in SLE
2002-2005	National Arthritis	Ahearn/Manzi	A Novel Complement Assay for SLE
	Disease	Foundation	Diagnosis and Assessment of Activity

Past

<u>Years Covered</u>	<u>Funding Source</u>	<u>PI/Co-Inv.</u>	<u>Grant Title</u>
1998-2000	Biogen, Inc.	PI	Anti-CD40 Ligand Therapy for Lupus Nephritis (Co-Coordinating Center)
1998	Dupont, Merck	PI	A Phase IIA Study to Evaluate the Effect of

1997-1999	Lupus Foundation,	Co-Inv.	Socioeconomic Impact on SLE; A FollowUp
1997-1999	LaJolla Pharmaceuticals	PI	LJP 394 in Patients with SLE
1997-1999 Evaluate Tolerability of Lupus	Genelabs Technologies, Inc.	PI	An Open Label, Multicenter Study to the Long-term Safety and GL701 in Patients with Systemic Erythematosus
1996-1999 Disease in	American Heart Association	PI	Epidemiology of Cardiovascular Women with Lupus
1996-1999	National Arthritis Foundation	Co-Inv.	Epidemiology of Osteoporosis in Women with Lupus
1995-1999	National Arthritis Foundation	PI	Cardiovascular Disease in SLE
1995-1995	Commonwealth of PA	PI	Cardiovascular Disease in Women Division of Chronic with SLE Disease Intervention
1995-1996 Erythematosus	Arthritis Foundation,	PI WPA Chapter	Risk of Malignancy in Women with Systemic Lupus
1995-1997 Tolerability of	Genelabs Technologies, Inc.	PI	An Open Label Multicenter Study to Evaluate Long-term Safety and GL701 in Patients with SLE
1994-1996 II/III Moderate	Genelabs Technologies, Inc.	PI	A Double-Blind Randomized Phase Study of GL701 in Treating Mild to Lupus
1994-1996 Allegheny County, PA	Lupus Foundation of America	Co-Inv. WPA Chapter	The Epidemiology of Systemic Lupus Erythematosus in
1991-1993 Diseases	National Institute of Arthritis,	PI Diseases, National Institute of Health	Individual Post-Doctoral Fellowship Award Rheumatic
1991-1996	National Institute of Health	Co-Inv. (R29)	Epidemiology of Lupus Pregnancy: Maternal/Fetal Outcome

1991-1996	Lupus Foundation of America	Co-Inv.	Lupus Pregnancy Outcome WPA Chapter
1991-1993	Arthritis Foundation, WPA	PI	Post-Doctoral Fellowship(3rd yr Fellow): Infection in SLE
1990-1991	Presbyterian University	PI	Complement Split Products in SLE Hospital, Competitive Medical Research Fund

COMMITTEE ASSIGNMENTS

Division of Rheumatology & Clinical Immunology Committees

1992-1995	Administrative Subcommittee, Division of Rheumatology & Clinical Immunology	
1992-present	Education Subcommittee, Division of Rheumatology & Clinical Immunology	
1992-1994	Gifts and Endowments Subcommittee, Division of Rheumatology & Clinical	Im
1996-1997	Chairperson. Clinical Practice Committee, Arthritis Network, Division of	Rh
1996-present	Arthritis Network Research Committee, Division of Rheumatology & Clinical	Im
1997-1998	Arthritis Network Operational Committee, Division of Rheumatology & Clinical	
1999	Member. Executive Committee, Arthritis Institute, University of Pittsburgh	
1999-2000	Acting Director, Clinical Research - Arthritis Institute, University of Pittsburgh	

Department of Medicine/University of Pittsburgh Committees

1992-present	Dean's Applicant Interview Committee	APPEARS THIS WAY ON ORIGINAL
1995-1996	Women's Medical Faculty Task Force	
1996-present	Medical School Mentorship (FAST program)	
1996-1997	Out of Hospital Medical Student Curriculum Task Force	
1996	Western Psychiatric Institute and Clinic (WPIC) Research Committee	
1997-1998	Doctoral Dissertation Committee (Shirley Fitzgerald), Department of Epidemiology,	
1998-present	General Clinical Research Center Advisory Committee	
1998-1999	Doctoral Dissertation Committee (Faith Selzer), Department of Epidemiology Graduate School of Public Health	
1999-present	Clinical Research Steering Committee	
2000	Doctoral Dissertation Committee (Qi Chen)	

Regional Committees

1992-present Medical Advisory Committee. Lupus Foundation of America, Western PA Chapter

Manuscript Review Committees

Arteriosclerosis and Thrombosis

Arthritis Care and Research

Arthritis and Rheumatism

Mayo Clinic Proceedings

Journal of the American Medical Women's Association

Journal of Rheumatology

Lupus

Journal of Clinical Rheumatology

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